

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TFW

In re Application of

SCHOENAFINGER, et. al.

Examiner: Not Yet Assigned

Art Unit: 1626

Application No.: **10/780,344**

Filed: **February 17, 2004**

Title: **SUBSTITUTED 3-(BENZOYLUREIDO)
THIOPHENE DERIVATIVES,
PROCESSES FOR PREPARING THEM
AND THEIR USE**

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56, 1.97 AND 1.98

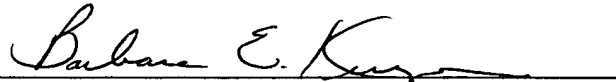
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Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

- ☒ (a) This Information Disclosure Statement is filed within the period set forth in §1.97(b) because it accompanies the new patent application submitted herewith, is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in §1.491 in an international application, or is believed to be filed before the mailing date of a first Office Action on the merits, whichever event occurs last. However, in the event that the first office action has been mailed, the Commissioner is authorized to charge any fees under 37 C.F.R. 1.17(p) or credit any overpayment to Account No. 18-1982.

- ☐ (b) This Information Disclosure Statement is filed after the period set forth in 37 C.F.R. 1.97(b), but is believed to be filed before the mailing date of a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.
- ☐ (1) The undersigned attorney certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement;
- ☐ (2) The undersigned attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned attorney after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement; or
- ☐ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97(c) is authorized.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 3

Application Number	10/780,344
Filing Date	02-17-2004
First Named Inventor	SCHOENAFINGER, et. al.
Group Art Unit	1626
Examiner Name	Not Yet Assigned
Attorney Docket Number	DEAV2003/0012 - US - NP

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 300 972		CARNEY, et. al.	01-25-1989		
		EP	0 462 884		VINCENT, et. al.	06-16-1993		
		EP	0047496		VOLKER, et. al.	03-17-1982		
		WO	00/40569		HODSON, et. al.	07-13-2000		
		WO	00/63208		DORWALD, et. al.	10-26-2000		
		WO	00/64876		JAYYOSI, et. al.	11-02-2000		
		WO	00/64888		JAYYOSI, et. al.	11-02-2000		
		WO	00/66585		HORVATH, et. al.	11-09-2000		
		WO	00/71549		BROUGH, et. al.	11-30-2000		
		WO	00/78312		SAHOO, et. al.	12-28-2000		

Date Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/780,344
				Filing Date	02-17-2004
				First Named Inventor	SCHOENAFINGER, et. al.
				Group Art Unit	1626
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	DEAV2003/0012 - US - NP
Sheet	2	of	3		

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				Application Number	10/780,344	
Sheet		3	of	3	Filing Date	02-17-2004
					First Named Inventor	SCHOENAFINGER, et. al.
					Group Art Unit	1626
					Examiner Name	Not Yet Assigned
					Attorney Docket Number	DEAV2003/0012 - US - NP

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ASAKAWA, A., et. al., Cocaine-Amphetamine-Regulated Transcript Influences Energy Metabolism, Anxiety and Gastric Emptying in Mice, Hormone and Metabolic Research, (2001), Vol. 33, pp. 554 - 558	
		DRUECKES, P., et. al., Photometric Microtiter Assay of Inorganic Phosphate in the Presence of Acid-Labile Organic Phosphates, Analytical Biochemistry, (1995), Vol. 230, pp. 173 - 177	
		ENGERS, H. D., et. al., Kinetic Mechanism of Phosphorylase a. I. Initial Velocity Studies, Biochem 1970 July (1970) Vol.48(7), pp.746-754	
		LEE, D.W., et. al., Leptin Agonists as a Potential Approach to the Treatment of Obesity, Drugs of the Future, (2001), Vol. 26, No. 9, pp. 873 - 881	
		OKADA, H., et. al., Synthesis and Antitumor Activities of Prodrugs of Benzoylphenylureas, Chemical Pharmaceutical Bulletin, (1994), Vol. 42, No. 2, pp. 57 - 61	
		SALVADOR, J., et. al., Perspectives in the Therapeutic Use of Leptin, Expert Opinion Pharmacotherapy, (2001), Vol. 2, No. 10, pp. 1615 - 1622	
		TYLE, P., et. al., Iontophoretic Devices for Drug Delivery, Pharmaceutical Research, (1986), Vol. 3, No. 6, pp. 318 - 326	
		ZUNFIT, H. J. F., et. al., Carob Pulp Preparation for Treatment of Hypercholesterolemia, Advances in Therapy, (2001), Vol. 18, No. 5, pp. 230 - 236	

Examiner Signature		Date Considered	
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